

**To:** Dave Larsen[dlarsen@reiengineering.com]; Egan, Robert[egan.robert@epa.gov]; KHanson@ldftribe.com[KHanson@ldftribe.com]; Fassbender, Judy L - DNR[Judy.Fassbender@wisconsin.gov]; Kamke, Sherry[Kamke.Sherry@epa.gov]  
**From:** Saari, Christopher A - DNR  
**Sent:** Thur 6/16/2016 8:59:36 PM  
**Subject:** RE: Scheduling well drilling and sampling at Tower Standard removed.txt

I would be OK with mud rotary if it allows this part of the project to move forward. Perhaps we can gather some equivalent permeability data in this area with the hydraulic profiling tool.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Chris Saari

Phone: (715) 685-2920

[Christopher.Saari@Wi.gov](mailto:Christopher.Saari@Wi.gov)

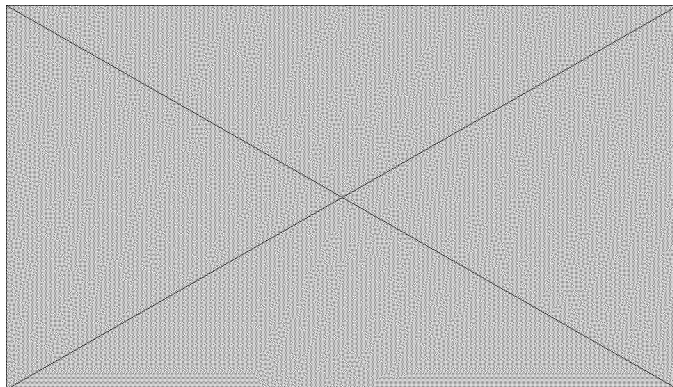
**From:** Dave Larsen [mailto:dlarsen@reiengineering.com]  
**Sent:** Thursday, June 16, 2016 3:56 PM  
**To:** Egan, Robert; Saari, Christopher A - DNR; KHanson@ldftribe.com; Fassbender, Judy L - DNR; Kamke, Sherry  
**Subject:** RE: Scheduling well drilling and sampling at Tower Standard




FYI – REI is efforting to see if we can locate a driller willing to take on this work on short notice knowing the drilling conditions are problematic. I do have 1 crew who may be willing to assist, but want to install the deep well using mud rotary techniques. Will this be acceptable? They may have availability the week of July 4<sup>th</sup>.

Thank you,

David N. Larsen P.G

Hydrogeologist / Professional Geologist



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**From:** Egan, Robert [<mailto:egan.robert@epa.gov>]  
**Sent:** Thursday, June 16, 2016 9:34 AM  
**To:** Christopher A Saari <[Christopher.Saari@Wisconsin.gov](mailto:Christopher.Saari@Wisconsin.gov)>; KHanson@ldftribe.com;  
Fassbender, Judy L - DNR <[Judy.Fassbender@wisconsin.gov](mailto:Judy.Fassbender@wisconsin.gov)>; Kamke, Sherry  
<[Kamke.Sherry@epa.gov](mailto:Kamke.Sherry@epa.gov)>; Dave Larsen <[dlarsen@reiengineering.com](mailto:dlarsen@reiengineering.com)>  
**Subject:** Scheduling well drilling and sampling at Tower Standard

All,

I spoke to Andrew Leaf at USGS this morning to get an idea of their field activities once they get to the site during the week of July 18. He told me that he hopes to get the temperature cable installed by mid-week and leave it for about one week to collect data. Near the end of that collection period, he hopes to have the data necessary to decide where he wants to collect pore water samples. So this would be around July 27 if all goes well, and he would collect samples as soon as he can.

I asked whether it would be problematic if we collected groundwater samples a week or two after he collects his pore waters. He stated that he cannot think of any scientific reason why this would cause a problem for his assessment. He said that he is most interested in getting water levels on the same day as he collects pore waters, but that groundwater samples could be collected later if the new wells are not yet ready.

I wanted to let you all know this as we go through our effort to get the wells installed as soon as possible.

Please let me know if you have any questions.

Regards,

Bob

Bob Egan

Corrective Action Manager

Underground Storage Tanks Section

RCRA Branch

EPA Region 5

(312) 886-6212

(312) 692-2911 (fax)